

Converting Colors

YUV(79.9430, 13.8321, 90.3810)

Have a look what the booklet for
YUV(79.9430, 13.8321, 90.3810)
contains.

YUV(79.9430, 13.8321, 90.3810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(79.9430, 13.8321,
90.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	B7166C
RGB	183, 22, 108
RGB Percent	72%, 9%, 42%
CMY	0.2824, 0.9137, 0.5765
CMYK	0.00, 0.88, 0.41, 0.28
HSL	328°, 79%, 40%
HSV	328°, 88%, 72%
XYZ	22.5221, 11.7238, 15.2632
YIQ	79.9430, 68.3500, 60.8780

Conversions

Conversions Part 2

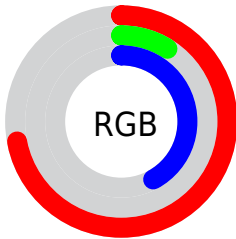
Format	Color
R_{YB}	183, 22, 108
Decimal	11998828
CIE _{Lab}	40.77, 64.69, -6.01
CIE _{LCh}	41, 64.969, 354.693
Yxy	11.7238, 0.4549, 0.2368
Android (android.graphics.Color)	4290188908 (0xFFB7166C)
YUV	79.9430, 13.8321, 90.3810
Hunter-Lab	34.2400, 57.4921, -2.4617

Details

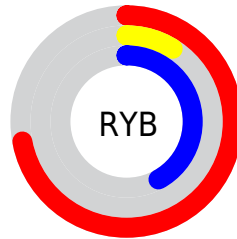
The YUV color **79.9430, 13.8321, 90.3810** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **125.0570, -13.8321, -90.3810**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6130, 7.5858, 87.1624**, and **44.0300, 8.3662, 70.1337** is the 20% darker color. If you saturate the color by 10%, you get **68.3510, 15.1100, 100.5472**, and if you desaturate by 10%, it is **91.5350, 12.5542, 80.2148**.

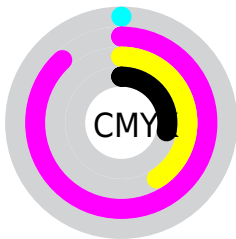
Distribution



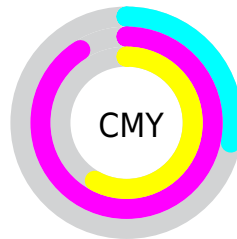
- Red (72%)
- Green (9%)
- Blue (42%)



- Red (72%)
- Yellow (9%)
- Blue (42%)



- Cyan (0%)
- Magenta (88%)
- Yellow (41%)
- Black (28%)





- Cyan (28%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.9430, 13.8321, 90.3810 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 79.9430, 13.8321, 90.3810 by changing the saturation by 10% instead.

 79.9430, 13.8321,
90.3810


 79.9430, 13.8321,
90.3810


255.0000, 0.0000,
0.0000


 55.3230, 14.1378,
85.6627


 143.6130, 7.5858,
87.1624


 44.0300, 8.3662,
70.1337


 167.3020, 9.2181,
76.9111


 32.8510, 3.0315,
54.5047

 187.5170, 13.0561,
59.1826

 22.7970, -1.8719,
40.5200

 207.1450, 17.1835,
41.9688

 11.4760, -5.1647,
23.2615

 225.6500, 14.4696,
25.7400

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 79.9430, 13.8321,
90.3810

■ 79.9430, 13.8321,
90.3810

■ 68.3510, 15.1100,
100.5472

■ 91.5350, 12.5542,
80.2148

■ 65.8890, 15.8307,
102.7063

■ 103.6000, 10.5502,
69.6338

■ 115.1920, 9.2723,
59.4676

■ 126.6700, 7.5577,
49.4014

■ 138.2620, 6.2798,
39.2352

■ 150.3270, 4.2758,
28.6542

■ 161.9190, 2.9979,
18.4880

■ 173.3970, 1.2833,
8.4218

■ 185.5760, -0.2840,
-2.2592

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5490, 31.2813, 46.8765



79.9430, 13.8321, 90.3810



81.0700, -12.3595, 91.1466

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9430, 13.8321, 90.3810



84.6470, -41.7310, -8.4604



88.9540, 46.3647, -78.0127

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.9430, 13.8321, 90.3810



125.0570, -13.8321, -90.3810

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6990, 26.2774, -75.1580



79.9430, 13.8321, 90.3810



69.9960, -21.1970, -61.3865

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9430, 13.8321, 90.3810



90.7920, -44.7605, 30.0004



78.9560, 2.9797, -69.2444



85.3640, 57.9945, -74.8642

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9430, 13.8321, 90.3810



86.8790, -32.9713, 75.5281



78.9560, 2.9797, -69.2444



88.1730, 40.8337, -77.3277

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.9430, 13.8321, 90.3810



197.3000, 5.2751, 34.8169



61.8820, 59.7112, 28.1675



96.3430, 3.2819, 20.7472



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9430, 13.8321, 90.3810



85.3410, 20.5379, 133.0049



71.0510, -20.2381, 98.1793



86.2610, 0.8573, 5.0331



56.1060, 13.2587, 87.6070



10.0820, 2.4246, 15.7141

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.9430, 13.8321, 90.3810



85.3410, 20.5379, 133.0049



133.9490, 20.2381, -98.1793



86.2610, 0.8573, 5.0331



56.1060, 13.2587, 87.6070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 79.9430, 13.8321, 90.3810 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

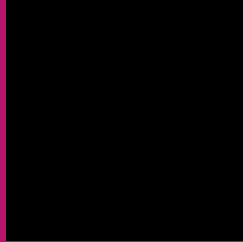
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.9430, 13.8321, 90.3810

Background



This preview shows how black text looks on a background with the YUV color 79.9430, 13.8321, 90.3810.



This preview shows how white text looks on a background with the YUV color 79.9430, 13.8321,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.9430, 13.8321, 90.3810

Protanopia

96.7030, 27.2614, -17.2795

Deuteranopia

98.8590, 0.5625, 6.2627



Tritanopia

86.2940, -18.8789, 82.1802

Trichromacy



Original Color

79.9430, 13.8321, 90.3810

Protanomaly

90.6910, 22.3373, 22.1960

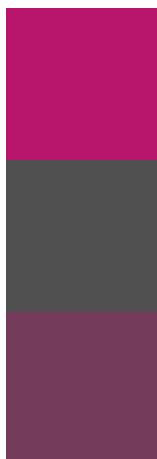
Deuteranomaly

91.7240, 5.5591, 37.0761

Tritanomaly

83.8180, -6.8123, 85.2286

Monochromacy



Original Color

79.9430, 13.8321, 90.3810

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8760, 4.9911, 32.5577

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9430, 13.8321, 90.3810 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 22, 108)` looks like.

```
.text, #text, p{  
  color:rgb(183, 22, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 22, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 22, 108) }
```

Border

The CSS property to change the border of an element to YUV 79.9430, 13.8321, 90.3810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 22, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 22, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 22, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 22, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 22, 108);  
box-shadow:4px 4px 4px 4px rgb(183, 22,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 79.9430, 13.8321, 90.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 22, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183, 22,  
108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor